

AMENDMENTS TO THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 1-16, 22, 24, 29, 31, 35, and 36 without prejudice or disclaimer. Please AMEND claims 17, 23, 25, 27, 30, 32, and 33 to read as follows:

1-16. (Cancelled)

17. (Currently Amended) An image forming device, comprising:
a plurality of photosensitive bodies, one for each color of a composite color image;
a plurality of charging units which charge a surface of each of the plurality of photosensitive bodies so that an electrostatic latent image is formable thereon;
a plurality of developing units which develop electrostatic latent images formed on the surfaces of the plurality of photosensitive bodies;
a plurality of transfer units which transfer developed electrostatic latent images onto a transfer medium;
a charging power supply unit which powers the plurality of charging units;
a developing power supply unit which powers the plurality of developing units;
~~and~~
a transfer power supply unit which powers the plurality of transfer units; and
a plurality of developing voltage dropping units each of which is disposed between the developing power supply unit and the respective ones of the plurality of developing units and which drop a voltage of a developing power supplied by the developing power supply unit to the plurality of developing units to yield respective developing voltage level gaps in the developing power supplied to each of the plurality of developing units,
wherein the plurality of developing voltage dropping units are zener diodes.

18. (Original) The image forming device of claim 17, further comprising a plurality of transfer voltage dropping units each of which is disposed between the transfer power supply unit and respective ones of the plurality of transfer units and which drop a voltage of a transferring power supplied by the transfer power supply unit to each of the plurality of transferring units to yield respective transferring voltage level gaps in the transferring power supplied to each of the plurality of transfer units.

19. (Original) The image forming device of claim 18, wherein the plurality of transfer voltage dropping units are zener diodes.

20. (Original) The image forming device of claim 17, further comprising a plurality of transfer voltage dropping units each of which is disposed between the transfer power supply unit and a transfer unit and which drop a voltage of a transferring power supplied by the transfer power supply, wherein the plurality of transfer units include an upstream transfer unit and downstream transfer units, and wherein the plurality of transfer voltage dropping units are respectively disposed between the transfer power supply unit and the transfer units and which drop the voltages of the power supplied to each of the downstream transfer units to yield respective transferring voltage level gaps in the transferring power supplied to each of the plurality of transfer units.

21. (Original) The image forming device of claim 20, wherein the plurality of transfer voltage dropping units are zener diodes.

22. (Cancelled)

23. (Currently Amended) The image forming device of ~~claim 22~~claim 17, wherein each of the plurality of developing units uses a color developer having a different charge to mass ratio and the developing voltage delivered to each of the plurality of developing units differs depending on the color developer used by the respective developing units.

24. (Cancelled)

25. (Currently Amended) The image forming device of ~~claim 22~~claim 17, wherein each of the plurality of developing units includes a developing roller and a feeding roller which feeds developer onto a surface of the developing roller.

26. (Original) The image forming device of claim 25, wherein each of the feeding rollers are respectively powered by the voltages output by the plurality of developing voltage dropping units.

27. (Currently Amended) ~~The image forming device of claim 26, further comprising~~
An image forming device, comprising:

a plurality of photosensitive bodies, one for each color of a composite color image;

a plurality of charging units which charge a surface of each of the plurality of photosensitive bodies so that an electrostatic latent image is formable thereon;

a plurality of developing units which develop electrostatic latent images formed on the surfaces of the plurality of photosensitive bodies;

a plurality of transfer units which transfer developed electrostatic latent images onto a transfer medium;

a charging power supply unit which powers the plurality of charging units;

a developing power supply unit which powers the plurality of developing units;

a transfer power supply unit which powers the plurality of transfer units;

a plurality of developing voltage dropping units each of which is disposed between the developing power supply unit and the respective ones of the plurality of developing units and which drop a voltage of a developing power supplied by the developing power supply unit to the plurality of developing units to yield respective developing voltage level gaps in the developing power supplied to each of the plurality of developing units; and

a plurality of feeding voltage dropping members each of which is disposed between each of the respective ones of the plurality of developing voltage dropping units and a feeding roller and which drop a voltage supplied to each feeding roller to yield respective feeding voltage level gaps in the feeding power supplied to each of the feeding rollers,

wherein each of the plurality of developing units includes a developing roller and a feeding roller which feeds developer onto a surface of the developing roller, and

wherein each of the feeding rollers are respectively powered by the voltages output by the plurality of developing voltage dropping units.

28. (Original) The image forming device of claim 27, wherein the developing voltage is variable by a developing power transforming unit and when the developing voltage is varied the developing voltage gaps are maintained.

29. (Cancelled)

30. (Currently Amended) The image forming device of ~~claim 29~~claim 17, wherein each of the plurality of developing units uses a color developer having a different charge to mass ratio and the developing voltage delivered to each of the plurality of developing units differs depending on the color developer used by the respective developing units.

31. (Cancelled)

32. (Currently Amended) The image forming device of ~~claim 29~~claim 17, wherein each of the plurality of developing units includes a developing roller and a feeding roller which feeds developer onto a surface of the developing roller.

33. (Currently Amended) ~~The image forming device of claim 32, further comprising~~ An image forming device, comprising:

a plurality of photosensitive bodies, one for each color of a composite color image;

a plurality of charging units which charge a surface of each of the plurality of photosensitive bodies so that an electrostatic latent image is formable thereon;

a plurality of developing units which develop electrostatic latent images formed on the surfaces of the plurality of photosensitive bodies;

a plurality of transfer units which transfer developed electrostatic latent images onto a transfer medium;

a charging power supply unit which powers the plurality of charging units;

a developing power supply unit which powers the plurality of developing units;

a transfer power supply unit which powers the plurality of transfer units;

a plurality of developing voltage dropping units each of which is disposed between the developing power supply unit and respective ones of the plurality of developing units and which drop a voltage of a developing power supplied by the developing power supply, wherein the plurality of developing units includes an upstream developing unit and downstream developing units and the plurality of developing voltage dropping units respectively drop the voltages of the power supplied to each of the downstream transfer units to yield respective developing voltage level gaps in the developing power supplied to each of the plurality of developing units; and

a plurality of feeding voltage dropping members each of which is disposed between each of the respective ones of the plurality of developing voltage dropping units and a feeding roller and which drop a voltage supplied to the associated feeding roller to yield respective feeding voltage level gaps in the feeding power supplied to each of the feeding rollers,

wherein each of the plurality of developing units includes a developing roller and a feeding roller which feeds developer onto a surface of the developing roller.

34. (Original) The image forming device of claim 33, wherein the developing voltage is variable by a developing power transforming unit and when the developing voltage is varied the developing voltage gaps are maintained.

35. (Cancelled)

36. (Cancelled)